

QCPA701D1

09/954,910

REMARKSProsecution Status

Claims 2-10 are pending in the present application. In a Final Office Action of March 15, 2005, Claims 2-10 were rejected under 35 USC § 102(e) as anticipated by U.S. Patent No. 6,061,337 to Light et al. The rejection is traversed particularly in light of the amendment to the claims. Claims 2, 5, and 8 are currently amended in accordance with an interview held with Examiner Nguyen on August 15, 2005 to overcome the Light reference.

Rejections under 35 USC § 102(e)

The Examiner rejected claims 2-10 as anticipated by U.S. Patent No. 6,061,337 to Light et al. ("Light"). The rejections are traversed particularly in light of the amendments to the claims.

Light does not describe, teach, or suggest the manner of tracking a mobile unit claimed. The principle taught by Light is to measure distance to the nearest cell to aid hard handoffs. Light describes the commonly-known process whereby the mobile measures pilot signal strength until it reaches a predetermined threshold to determine when to handoff. Light adds to that a distance measurement to the nearby cells to aid in a determination of whether to handoff. This is accomplished by the cell site sending a signal to the mobile requesting pilot signal strength readings on the neighbor list, and a time offset for each, to determine how many "chips" the mobile is from each cell antenna. Mobile approximate position is determined from known locations of antennas for each cell and the distances to them. Light does not describe a process whereby a mobile is tracked once it has entered a particular region that is near a handoff region.

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Instead, Light describes monitoring pilot strengths from the neighbor list, then, *after a pilot has passed a predetermined strength threshold*, an approximate distance is calculated to neighboring cell antennas from the mobile.

CONCLUSION

Applicants respectfully request that the Examiner reconsider the outstanding rejections and that these rejections be withdrawn particularly in light of the current amendments. It is believed that a complete reply has been made to the outstanding Office Action and, as such, the present application is in condition for allowance. If the Examiner believes, for any reason, that personal communication will expedite prosecution of the application, the Examiner is invited to telephone the undersigned at the number provided.

If there are any other fees due in connection with the filing of the response, please charge the fees to our Deposit Account No. 17-0026. If a fee is required for an extension of time under 37 CFR 1.136 not accounted for above, such an extension is requested and the fee should also be charged to our Deposit Account.

Dated: August 15, 2005

Respectfully submitted,

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